

11. (Twice Amended) The composition of Claim 1, wherein said the Asiasari Radix extracts are obtained by the following sequential fractionation procedure:

- a) extracting Asiasari Radix with a lower alcohol mixed with water;
- b) adjusting the pH to 2-4 with the acid;
- c) extract the solution in step b) with an equal volume of chloroform;
- d) isolating a chloroform insoluble fraction;
- e) adjusting the pH of the fraction in step d) to 9-12 with NH4OH;
- f) subjecting the fraction in step d) to an extraction with equal volume of a chloroform:methanol mixed solvent; and
- g) isolating and extracting a methanol insoluble fraction from step f) and fractionating the same with the methanol to obtain the Asiasari Radix extracts which are methanol soluble.

12. (Twice Amended) A composition for improving memory and protecting brain cells containing a chloroform fraction of Asiasari Radix extracts obtained by the following sequential fractionation procedure: subjecting Asiasari Radix to extraction with a lower alcohol having between 1 carbon atom and 4 carbon atoms or organic solvent, the resulting Asiasari Radix extract being solublized in a methanol:water mixed solvent having a pH adjusted to 2-4 with an acid and to 9-12 with a base, the extracts

being subjected to extraction with equal volume of a chlorinated aliphatic solvent such as chloroform to obtain a chloroform fraction of *Asiasari Radix* extracts for improving memory and protecting brain cells against damage caused by excitatory amino acids and oxidative stresses.

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